Requirement of Signaling Point Codes For Next Generation Network switches of Reliance Communication Inc., in Los Angeles and New York

The Reliance Communication Inc. network is undergoing a fundamental shift from the circuit switched voice centric model to a packet switched data centric model. To support the exponential growth and to provide IP based multimedia services, the carriers are deploying more flexible and cost effective converged network by ensuring that they not only deliver the traditional voice services but also enhanced value added services. Also, it has become inevitable for large Tier-1 carriers (telecom and data com) to consolidate the PSTN voice traffic onto the much more powerful data infrastructure, resulting in a single streamlined multi-service network instead of operating multiple networks.

SP Code requirements of US NGN Gateways

It is proposed to deploy NGN Gateways at Los Angeles and New York in USA. These Gateways will have new signaling links with International Carriers who require either ANSI(SS7) or ETSI (C7) connectivity. Hence both ANSI and ETSI (NI-0) Point codes are required for these Gateways.

Presently RCI is having TDM switches, one each at Los Angeles and New York. Both the Switches are loaded to almost full and having Interconnects with various International Carriers on ANSI and ETSI signaling. The existing Point codes cannot be used for the new NGN switches. Allotment of New SPCs for the new NGN switches is thus required. This will enable RCI to establish Interconnection with different Carriers on the new NGN Architecture.

RCI thus has the following requirement to start Operations of new PoPs in Los Angeles and New York

1. Allotment of New SPCs for the new NGN switches

Signalling Gateway Location	SIGNALLING POINT CODE REQUIREMENT	
	ANSI	ETSI (NI-0)
LOS ANGELES	2	2
NEW YORK	2	2

2. Allotment of New CLLI codes, one each for Los Angeles and New York

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